

## Special Issue

# Genetic Regulation of Fruit Pigmentation

### Message from the Guest Editor

Fruits undergo complex and coordinated biochemical processes during development and ripening. Among these processes, fruit pigmentation is a primary factor and an important quality trait that influences the preferences of humans and animals. Several secondary metabolites, including carotenoids and flavonoids, are major determinants controlling fruit pigments and play essential roles in human nutrition and health. Various genetic components, such as biosynthetic genes and transcription factors, are known to control fruit pigmentation. Understanding the genetic basis of fruit pigmentation is helpful in designing strategies for producing valuable plant products and enhancing characteristics of economically important crops. This Special Issue, “Genetic regulation of fruit pigmentation”, will cover recent discoveries in genetic regulation, biosynthesis, biofortification, breeding, genomics, and other broadly defined aspects for a better understanding of fruit pigmentation.

### Guest Editor

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## International Journal of Molecular Sciences

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